

ABSTRACT

A controllable optical switching module (OSM) has at least N optical inputs (i_1 to i_N) and at least N optical outputs (e_1 to e_N) for selectively switching through optical signals (os_1 to os_N), with a respective optical signal (os_1 to os_N) being able to be switched through from an optical input (i_1 to i_N) via a respective switching point (SP) in a switching matrix (SM) to an optical output (e_1 to e_N) using a control unit (CU). The order of the arrangement of the optical inputs (i_1 to i_N) is determined by virtue of the respective attenuation (A_1 to A_N) produced when the optical signals (os_1 to os_N) are switched through from an optical input (i_1 to i_N) via a switching point (SP) to an optical output (e_1 to e_N) increasing or decreasing from the first to the N th optical input (i_1 to i_N).